

Rat RITUXIMAB Monoclonal Antibody

RAT ANTI RITUXIMAB:FITC

CATALOG # AAA49661	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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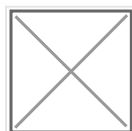
PRODUCT SYNONYMS

RITUXIMAB; Monoclonal Antibody; RAT ANTI RITUXIMAB:FITC; anti-RITUXIMAB antibody

PRODUCT SPECIFICATIONS

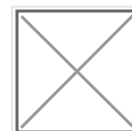
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	MB2A4
Form/Format	FITC Purified IgG - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Applicable Applications for anti-RITUXIMAB antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Buffer Solution	Phosphate buffered saline
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Detection of Rituximab in direct ELISA. Rituximab was used as the coating reagent followed by Rat anti Rituximab:HRP as the detection antibody



Application Data

Detection of Rituximab spiked into 10% human serum by sandwich ELISA. Human anti Rituximab (HCA186) was used as the coating antibody and detection was performed by adding HRP conjugated anti-Rituximab antibody. Data are shown as the mean of three independent measurements

ADDITIONAL INFORMATION

Related Product Information for anti-RITUXIMAB antibody	Rat anti rituximab antibody, clone MB2A4, specifically recognizes the idiotypic determinants expressed by the rituximab chimeric monoclonal antibody. Rituximab is a therapeutic reagent directed against the human CD20 antigen expressed on the surface of B-cells. Rat anti rituximab antibody, clone MB2A4, is specific for rituximab and does not recognize other CD20 antibodies. Clone MB2A4 has been used in ELISA assays to monitor the levels of rituximab in patient serum following therapy, see Cragg, M. S. et al. and Hampson, G. et al. for details. Clone MB2A4 has been used to detect rituximab bound to the surface of the Raji B cell line, however detection of rituximab bound in vivo to B-CLL cells has not been demonstrated. It is possible that complement deposition on rituximab opsonised cells inhibits binding of the anti-rituximab antibody to cell bound rituximab (Beum, P. V. et al.).
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/rituximab-antibody-clone-mb2a4-flow-cytometry-elisa/49661>